

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

30593

7590

04/26/2004

HARNESS, DICKEY & PIERCE, P.L.C. P.O. BOX 8910 RESTON, VA 20195 EXAMINER STONER, KILEY SHAWN

ART UNIT

PAPER NUMBER

1725

DATE MAILED: 04/26/2004

APPLICATION NO.	FILING DATE FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/923,480	08/06/2001	Sang-Geun Kim	g-Geun Kim AB-878-1D US	

TITLE OF INVENTION: DIE BONDING EQUIPMENT

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	07/26/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- □ Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

TARL D - PEE(O) INANOMILIAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE **Commissioner for Patents** P.O. Box 1450 Alexandria, Virginia 22313-1450

(703) 746-4000 or Fax

	respondence including the local or directed otherwise	intant advance or	dere and notitication	i ot maintenance tees	uired). Blocks I through 4 s will be mailed to the current s; and/or (b) indicating a sepa	correspondence address as	
	B ADDRESS (Note: Legibly mark-up	with any corrections or	use Block 1)	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must			
30593 75	90 04/26/2004			have its own certification	ate of mailing or transmission.	or rounds drawing, made	
HARNESS, DICI	KEY & PIERCE, P.I	C.		C	ertificate of Mailing or Trans	smission	
P.O. BOX 8910				I hereby certify that States Postal Service	this Fee(s) Transmittal is being with sufficient postage for fur	g deposited with the United st class mail in an envelope	
RESTON, VA 201	95			addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.			
				Tunbunded to the or	2 1 0, 01 110 440 1140 11	(Depositor's name)	
						(Signature)	
						(Date)	
APPLICATION NO.	FILING DATE		FIRST NAMED INVE	NTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/923,480	08/06/2001		Sang-Geun Kir	n	AB-878-1D US	2190	
	IE BONDING EQUIPMEN	Г					
III LE OI II VENTON. B	E BONDING EQUITMENT	•					
APPLN, TYPE	SMALL ENTITY	(SSUE F	EE F	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1330)	\$300	\$1630	07/26/2004	
EXAM	INFR	ART UNIT		CLASS-SUBCLASS	7		
	LEY SHAWN	1725		228-009000			
·							
CFR 1.363).	e address or indication of "Fo		names of up to	n the patent front pag 3 registered patent natively, (2) the nam	attorneys or 1		
	ence address (or Change of C 22) attached.		firm (having as	a member a registere names of up to 2 registere	d attorney or 2		
☐ "Fee Address" indicati PTO/SB/47; Rev 03-02 Number is required.	on (or "Fee Address" Indica or more recent) attached. Use	tion form e of a Customer	attorneys or agents. If no name is listed, no name 3 will be printed.				
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	THE PATENT (print	or type)			
PLEASE NOTE: Unless been previously submitte	an assignee is identified be ed to the USPTO or is being	low, no assignee d submitted under se	ata will appear on the parate cover. Compl	he patent. Inclusion of etion of this form is N	assignee data is only appropri OT a substitute for filing an ass	ate when an assignment has signment.	
(A) NAME OF ASSIGN	EE	(E	B) RESIDENCE: (CI	TY and STATE OR C	UUNIKY)		
Division by the arrangement	e assignee category or catego	ries (will not be no	inted on the natent):	□ individual = E	corporation or other private g	roup entity	
4a. The following fee(s) are			p. Payment of Fee(s)		o contract of the contract of		
☐ Issue Fee	chelosed.		, , , ,	mount of the fee(s) is e	enclosed.		
☐ Publication Fee				lit card. Form PTO-20:			
	Copies		☐ The Director is	hereby authorized by	charge the required fee(s), or	credit any overpayment, to	
			Deposit Account N		(enclose an extra		
Director for Patents is reque	ested to apply the Issue Fee a	nd Publication Fee	(II any) or to re-app	ny any previousty paid	i issue tee to the application is		
(Authorized Signature)	. 25	(Date)	*	2 5- 0			
NOTE; The Issue Fee an other than the applicant; interest as shown by the re	d Publication Fee (if require a registered attorney or agecords of the United States P	red) will not be accent; or the assign	ecepted from anyone ee or other party in rk Office.	e 1			

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DA	ATE	FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/923,480	08/06/20	01	Sang-Geun Kim		AB-878-1D US	2190	
30593	7590 04	4/26/2004			EXAMINER		
HARNESS, DICKEY & PIERCE, P.L.C. P.O. BOX 8910					STONER, KILEY SHAWN		
RESTON, VA 20195					ART UNIT	PAPER NUMBER	
					1725		
			DATE MAILED: 04/26/2004				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 193 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 193 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.